

Assortment of Instructional Resources

LEGO KITS

Language Arts:

- ***Lego StoryStarter Base Set***

Pri, Int. Lego brick set that includes curriculum and software. Students work together to create and build stories, use software to photograph, write, and publish.

- ***Lego StoryStarter Expansion Set: Community***

Pri, Int. Expand the StoryStarter Base Set with the addition of community-themed Lego pieces. Recommended for ages 6+.

STEM:

- ***Lego Simple Machines and Activity Pack***

Pri, Int, MiS. Lego brick set that introduces the basic and develops understanding of physical science concepts such as gears, wheels, axels, levers, and pulleys. Includes Lego components, teacher's notes, student worksheets and real-life images. Recommended ages 7+.

- ***Lego Simple and Motorized Mechanisms Base Set and Activity Pack***

Pri, Int, MiS, HgS. Lego brick set and curriculum. Students work together to build and investigate everything from basic mechanical principles to advance-motor-powered machines while acquiring insights in science, engineering and technology.

- ***Lego Simple & Motorized Mechanisms Expansion Set: Pneumatic Expansion***

Int, MiS, HgS. Students will engage in scientific inquiry and engineering by exploring power systems, prototyping, kinetic and potential energies and much more. Includes Lego components, lessons, extension activities and problem solving tasks. Recommended for ages 10+.

- ***Lego Simple & Motorized Mechanisms Expansion Set: Renewable Energy***

Int, MiS, HgS. Students will explore solar, wind, and water energies and use measurements and data analysis to describe outcomes. Includes Lego components, teacher's notes, student worksheets and real life images. Recommended ages 10+. *May also be used with Lego EV3.*

- ***Lego EV3 Core Set and Software***

Int, MiS, HgS. Lego brick set, software and curriculum. It enables students to build, program and test their solutions based on real-life robotics technology. Expansion set available. (Recommended for ages 12+).

- ***Lego EV3 Expansion Set***

Int, MiS, HgS. A set of additional pieces to be used with the LEGO EV3 Core Set to enable students to build larger and more complex models.

Other Types of STEM Resources Available:

- ***Simple Machines Unit Box – Primary/Intermediate***
Pri, Int. Books, manipulatives. Experience the world of "machines." Unit box includes a set of gears, construction pieces and marbles that give students a hands-on experience with beginning concepts of physical science.
- ***Robotics with Ozobots Kit***
Int, MiS. Kit includes 10 Ozobots, markers, miscellaneous construction sets, guide. Expand your students' STEM experience by learning to code Ozobots.
- ***Amusement Park Experience Building Set***
Int, MiS, HgS. Building pieces, CD-Rom, Guide, The set provides students an opportunity to experience the relationship of building up to 13 ride structures while furthering their knowledge of science, math, engineering and technology. The set supports 6-8 students working together.
- ***Intro to Structures: Bridges Building Set***
Pri, Int. Building Pieces, guides. The set is an introduction to bridge design, providing hands-on experiential learning, critical thinking, concepts of math, engineering, technology and science. Each of the 4 tubs supports 2-3 students working as a team to build 13 different bridge models one at a time. Recommended for grades 3-6.
- ***Real Bridge Building Set***
Int, MiS. Building Pieces, building instructions, 2 guides. The set is designed to assist students in gaining experimental knowledge of structural design by applying concepts of geometry, physical properties of materials, technology, engineering and construction of bridges. Set includes parts to build 7, five to six foot long bridge models, two at a time. Supports 6-8 students working as a team.
- ***Missing Money Mystery: An Introduction to Forensics for Grades 3-5***
Int. Challenge your students to solve this exciting new 12-unit mini classroom caper! Students are immersed into scientific discovery as they work to solve the mystery of stolen funds from a classroom. The kit uses real laboratory techniques and materials. Students practice critical thinking, acquire new vocabulary, explore careers in forensics, and more.
- ***Cookie Jar Mystery: A Study in Forensic Science for Grades 5-8, Int.***
Int. Engage and expose students to roles of crime scene investigators through this 15-unit forensic project as they work together examining and analyzing evidence needed to solve the mystery of the broken cookie jar! Students experience crime scene analysis, scientific inquiry, deductive reasoning and more.

Reading & Math Resources

Summer Success Kits:

- ***Summer Success: Reading***
A summer school reading program designed to help up to 20 students learn, review and reinforce essential reading skills. It includes a Teacher's Guide, Student Response Book, Student Guide Handbook, 20 copies of six Theme Magazines packed with highly-visual, readable articles in a variety of genres. Includes pre- and posttests. Available in grade levels 1 – 8.
- ***Summer Success: Math***
Complete set of materials for teaching first grade math in a 6 weeks summer program, including pre- and posttests and workbook. Available in grade levels 1-8. Specify which grade level when ordering.

Thematic Units in a Box

The Thematic Unit in a Box is a theme based kit that often includes: books, manipulatives, learning activities, games, posters, and audiovisuals.

- 4th of July Unit Box - Intermediate
- 4th of July Unit Box - Primary
- African American Heritage Unit Box
- Algebra Unit Box - Intermediate
- American Indian Unit Box - Intermediate
- American Indian Unit Box - Primary
- Bears Unit Box - Primary
- Birds Unit Box - Intermediate
- Birds Unit Box - Primary
- Chocolate Unit Box - Intermediate
- Chocolate Unit Box - Primary
- Civil Rights Unit Box - Intermediate/Middle & High School
- Civil War Unit Box - Middle School/High School
- Colonial Times/Revolution Unit Box - Intermediate
- Cookie Jar Mystery: A Study in Forensic Science for Grades 5-8
- Coral Reef Treasures Unit Box - Intermediate
- Coral Reef Treasures Unit Box - Primary
- Decimals Unit Box - Intermediate
- Desert Unit Box - Intermediate
- Desert Unit Box - Primary
- Dinosaur Unit Box - Primary
- Dinosaurs Plus Unit Box - Intermediate
- Dog Daze Unit Box - Intermediate
- Dog Daze Unit Box - Primary
- Endangered Species Unit Box - Intermediate
- Endangered Species Unit Box - Primary
- Environment Unit Box - Intermediate
- Environment Unit Box - Primary
- Fairy Tales Unit Box - Intermediate
- Fairy Tales Unit Box - Primary
- Farm Animals Unit Box - Primary
- Fractions Unit Box - Intermediate
- Fractions Unit Box - Primary
- Fresh Water Unit Box - Intermediate
- Fresh Water Unit Box - Primary
- Geometry Unit Box - Intermediate
- Going Batty Unit Box - Intermediate
- Going Batty Unit Box - Primary
- Hands-On-Math Activities Unit Box for Primary Grades
- Hispanic Heritage Unit Box
- Horsing Around Unit Box - Intermediate
- Horsing Around Unit Box - Primary
- Human Body Unit Box - Intermediate (c.1)
- Human Body Unit Box - Primary
- In the Woods Unit Box - Intermediate
- In the Woods Unit Box - Primary
- Influential and Extraordinary Women Unit Box
- Insect Unit Box - Intermediate
- Insect Unit Box – Primary
- Knights and Castles Unit Box, Intermediate
- Knights and Castles Unit Box, Primary
- Let It Snow! - Intermediate Unit Box
- Let It Snow! Primary Unit Box
- Lewis & Clark Unit Box-Intermediate
- Lewis & Clark Unit Box-Primary
- Magical Journeys Unit Box, Intermediate
- Magical Journeys Unit Box, Primary
- Measurement Unit Box - Intermediate
- Measurement Unit Box - Primary
- Minnesota Unit Box - Intermediate
- Minnesota Unit Box - Primary
- Missing Money Mystery: An Introduction to Forensics for Grades 3-5
- Money Unit Box - Primary/Intermediate
- Mother Goose Unit Box - Primary
- Mountain Unit Box, Intermediate
- Mountain Unit Box, Primary
- Mystery Powders Unit Box - Primary/Intermediate
- Natural Disasters Unit Box - Intermediate
- Natural Disasters Unit Box - Primary
- Nutrition Nuggets Unit Box - Intermediate
- Nutrition Nuggets Unit Box - Primary
- Outer Space Unit Box - Intermediate
- Outer Space Unit Box - Primary
- Plant Unit Box - Primary
- Plants Again Unit Box - Intermediate
- Prairie Unit Box - Intermediate
- Prairie Unit Box - Primary
- Rain Forest Unit Box - Intermediate
- Rain Forest Unit Box - Primary
- Sharks Unit Box - Intermediate
- Sharks Unit Box - Primary
- Simple Machines Unit Box - Primary/Intermediate
- Spiders Unit Box - Intermediate
- Spiders Unit Box - Primary
- Staying Healthy Unit Box -- Intermediate
- Staying Healthy Unit Box -- Primary
- Time Unit Box - Primary
- United States Geography Unit Box - Intermediate
- Weather Unit Box - Intermediate
- Weather Unit Box - Primary
- Wonders of the Deep Unit Box - Intermediate
- Wonders of the Deep Unit Box - Primary
- World of Whales Unit Box - Intermediate
- World of Whales Unit Box – Primary